



## Event Study - Greenup

**Start Date:** Jun 2004

**Projected  
End Date:** Feb 2005

**Lead Researcher(s):**

Wesley Walker, CELRH

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**Problem Addressed:**

In 2003 the main lock chamber at the Greenup Locks and Dam was closed for major maintenance and repair. The work, which was originally scheduled to last three weeks, ended up lasting seven weeks, due to unexpected, but necessary emergency repairs to the lock's main chamber. The extended closure forced shippers using the lock to make a number of short- and long-term decisions regarding transportation of their goods.

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**Objective:**

Through a survey of shippers and carriers using the Greenup Locks and Dam, as well as analysis of other data, this study will assess how shippers responded to the closure, evaluate the economic impact of these decisions and determine if shippers made long-term operational adjustments as a result, such as switching to all-overland modes of transportation. The study will include a compilation of "lessons learned" from the experience and will identify any changes in operational or maintenance procedures that resulted from the closure.

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**Benefits:**

The survey tool and data developed during the study will help Corps planners assess the potential impact of other such closures and to plan steps to limit this impact.

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**Status:**

Completed.

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**Contract Data:**

IWR 2004

**Progress:**

**Products (Bookshelf/Toolbox):**

[Report by Planning Center of Expertise for Inland Navigation, February 2005](#) (1.07 MB, pdf)

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**Contact:**

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**Related Links:**

*Revised 03/02/06*

